

Earthwork Tabulation

Fill +20%	_____ cys
Common Excavation ^①	_____ cys
Usable Waterway Excavation (_____ %) ^②	_____ cys
Surplus Foundation Excavation ^③	_____ cys
Borrow or Waste	_____ cys
Total Waterway Excavation ^④	_____ cys
Benching (Estimated) ^⑤ (No direct payment. Benching will not be paid for as Common Excavation.)	_____ cys

- ① *Excavation for subgrade treatment is not included in the above excavation quantities.*
- ② *Show the actual usable portion on the plans (_____ %). Estimate the percentage during the field check. If no other information is available, use 70%.*
- ③ *Includes earth volume displaced by substructure concrete and/or Structure Backfill at foundation excavations. If this volume is small (i.e., < 100 cys), do not include this item in earthwork tabulation.*
- ④ *Include all material excavated to shape channel under structure reduced by the estimated concrete volume of existing piers or abutments above the channel clearing lines. Abutment backfill above the clearing lines should be included in waterway excavation.*
- ⑤ *Benching is to be shown on the cross sections. Benches are to be 8 ft to 10 ft wide where practical. Volume should be estimated and shown in the earthwork tabulation with a note indicating that no direct payment is made for benching.*

EARTHWORK TABULATION (Bridge Project)

Figure 17-2E